

**Solve each problem.****Answers**

- 1) There are 144 hotels in a hotel chain. If each hotel has 32 rooms, how many rooms are there total?
- 2) A cruise ship compartment can hold 353 pieces of luggage. If a ship had 81 compartments, how many pieces of luggage can it hold?
- 3) A pallet of toggle bolts weighs 312 kilograms. If a warehouse has 44 pallets, what is their total weight?
- 4) A new library received 345 boxes of books with 26 books in each box. How many books did the library receive total?
- 5) A mail sorting machine can sort 451 pieces of mail an hour. If it ran for 84 hour, how many pieces of mail would it have sorted?
- 6) A gas station sells 755 gallons of gas an hour. How much gas would they have sold after 45 hours?
- 7) A movie theater sells 454 buckets of popcorn a day. If each bucket has 49 pieces of popcorn in it, how many pieces do they sell in a day?
- 8) A pizza chain uses 107 grams of cheese on their pizzas. If they sold 52 pizzas, how many grams would they have used?
- 9) The booths at the state fair make 788 dollars an hour. How much money would they have earned after 30 hours?
- 10) A video game company can fit 824 boxes of games into a truck. If they have 82 full trucks, how many boxes of games do they have total?

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| 1) There are 144 hotels in a hotel chain. If each hotel has 32 rooms, how many rooms are there total?  | 1. <u>4,608</u>   |
| 2) A cruise ship compartment can hold 353 pieces of luggage. If a ship had 81 compartments, how many pieces of luggage can it hold?          | 2. <u>28,593</u>  |
| 3) A pallet of toggle bolts weighs 312 kilograms. If a warehouse has 44 pallets, what is their total weight?                                 | 3. <u>13,728</u>  |
| 4) A new library received 345 boxes of books with 26 books in each box. How many books did the library receive total?                        | 4. <u>8,970</u>   |
| 5) A mail sorting machine can sort 451 pieces of mail an hour. If it ran for 84 hour, how many pieces of mail would it have sorted?          | 5. <u>37,884</u>  |
| 6) A gas station sells 755 gallons of gas an hour. How much gas would they have sold after 45 hours?   | 6. <u>33,975</u>  |
| 7) A movie theater sells 454 buckets of popcorn a day. If each bucket has 49 pieces of popcorn in it, how many pieces do they sell in a day? | 7. <u>22,246</u>  |
| 8) A pizza chain uses 107 grams of cheese on their pizzas. If they sold 52 pizzas, how many grams would they have used?                      | 8. <u>5,564</u>   |
| 9) The booths at the state fair make 788 dollars an hour. How much money would they have earned after 30 hours?                              | 9. <u>23,640</u>  |
| 10) A video game company can fit 824 boxes of games into a truck. If they have 82 full trucks, how many boxes of games do they have total?   | 10. <u>67,568</u> |

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4,608	28,593	13,728	5,564	8,970
37,884	67,568	22,246	33,975	23,640

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